



## Approvals and Capabilities Listing HTL-0009 Rev. Z 06/17/2025

All approvals are subject to change and may not be for all materials. Some of these processes may have limitations for specific processing information. Please direct approval inquiries to the Hytek Quality Department.

| Legend:   |   |                        |
|-----------|---|------------------------|
|           | (S/S): superseded by  | (*): Limited approvals |
| Doc. #    | Document Title  | OEM                    |
| 207-9-470 | Fluid Resistant, Epoxy-Polyamide Exterior Primer                    | Triumph Vought         |
| 208-13-40 | Shot and Glass Bead Peening   | Triumph Vought         |
| 208-14-13 | Penetrant Inspection  | Triumph Vought         |
| 208-4-2   | Surface Preparation of Titanium, Phosphate-Fluoride Method          | Triumph Vought         |
| 208-4-5   | Processing of Titanium Alloys                                       | Triumph Vought         |
| 208-9-100 | Cleaning and Etching of Aluminum and Aluminum Alloys                | Triumph Vought         |
| 208-9-143 | Application of Fluid Resistant, Epoxy-Polyamide, Exterior Primer    | Triumph Vought         |
| 208-9-145 | Epoxy Topcoat   | Triumph Vought         |
| 208-9-146 | Aqueous Degreasing  | Triumph Vought         |
| 208-9-147 | Epoxy Primer Coating  | Triumph Vought         |
| 208-9-148 | Application of Hydraulic Fluid Resistant, High Solids Epoxy Topcoat | Triumph Vought         |
| 208-9-149 | Abrasion Resistant Coating  | Triumph Vought         |
| 208-9-64  | Colored Conversion Coating  | Triumph Vought         |
| 208-9-89  | Integral fuel Tank Coating  | Triumph Vought         |
| ABP1-1023 | Chromic Acid Anodising  | Airbus                 |
| ABP1-2028 | Shot Peening for Improved Fatigue and Stress Corrosion Resistance   | Airbus                 |

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| ABP1-2344      | Cleaning and Surface improvement Blasting  | Airbus                                 |
| ABP1-3038      | Deposition of Zinc By Spraying   | Airbus                                 |
| ABP1-5057      | Conversion Coating Of Aluminum   | Airbus                                 |
| ABP4-1123      | Application of Epoxy Primer to an Internal or External Surface                         | Airbus                                 |
| ABP4-2124      | Application of Abrasion Resistant Paints   | Airbus                                 |
| ABP4-2130      | Application of Flexible Finish Paints to an Internal Surface                           | Airbus                                 |
| ABP4-2133      | Application of Erosion resistant Paint   | Airbus                                 |
| ABP4-2364      | Application of Primer & Topcoat  | Airbus                                 |
| ABP4-4140      | Stripping of Paints by Chemical Methods  | Airbus                                 |
| ABP5-1351      | Surface Preparation Prior to Application of Paints                                     | Airbus                                 |
| ABP6-5230      | Testing By Penetrant Flaw Detection  | Airbus                                 |
| ABP8-1290      | Cleaning and Degreasing of Metallic Materials  | Airbus                                 |
| ABP8-1294      | Cleaning & Degreasing of Metallic Materials  | Airbus                                 |
| ABP8-1296      | Deoxidation of Aluminum Alloys   | Airbus                                 |
| ABP8-2297      | Pickling of Aluminum Alloys as a Pre-Treatment   | Airbus                                 |
| ABP8-2299      | Pickling of Titanium Alloys  | Airbus                                 |
| ABS1857        | Nut / Head Cap   | Airbus                                 |
| AIMS04-04-038  | Corrosion Inhibiting Primer  | Airbus                                 |
| AIMS04-04-043  | Corrosion Inhibiting Primer  | Airbus                                 |
| AIPS02-04-006  | Zinc Nickel  | Airbus                                 |
| AIPS02-05-005* | Passivation of Corrosion Resistant Steel<br><i>*Inconel only for NEO Engine Mounts</i> | Airbus                                 |
| AITM6-1001     | Penetrant Inspection   | Airbus                                 |
| AITM6-2001     | Magnetic Particle Inspection   | Airbus                                 |
| AMS- M-3171    | Pretreatment and Prevention of Corrosion on Magnesium Alloys                           | Multiple OEM's                         |
| AMS2404        | Electroless Nickel Plating   | Commercial work only. No OEM approvals |
| AMS2417*       | Zinc Nickel  | Limited                                |

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|--------------|---|-----------------------------------|
| AMS2419      | Plating, Cadmium-Titanium   | MOOG                              |
| AMS2430      | Shot Peening  | Multiple OEM's                    |
| AMS2460      | Chromium Plating  | Multiple OEM's                    |
| AMS2469      | Hard Anodic Coating on Aluminum and Aluminum Alloys                             | Multiple OEM's                    |
| AMS2486      | Conversion Coating of Titanium Alloys; Fluoride-Phosphate Type                  | Multiple OEM's                    |
| AMS2700      | Passivation of Corrosion Resistant Steels                                       | Multiple OEM's                    |
| AMS2759*     | Heat Treatment of Steel Parts<br><i>*Stress &amp; Embrittlement Relief only</i> | Multiple OEM's                    |
| AMS-C-26074  | Coatings, Electroless Nickel, Requirements                                      | Multiple OEM's                    |
| AMS-C-27725  | Coating, Corrosion Preventative, Polyurethane for Aircraft Integral Fuel Tanks  | Multiple OEM's                    |
| AMS-M-3171   | Pretreatment and Prevention of Corrosion on Magnesium Alloys                    | Multiple OEM's                    |
| AMS-S-13165  | Shot Peening of Metal Parts   | Multiple OEM's                    |
| AMS-QQ-C-320 | Chromium Plating <b>(S/S by AMS2460)</b>  | Multiple OEM's                    |
| AMS-QQ-P-35  | Passivation Treatments for CRES <b>(S/S by AMS2700)</b>                         | Multiple OEM's                    |
| AMS-QQ-P-416 | Cadmium Plating   | Multiple OEM's                    |
| APS09        | Application of Primer and Paint   | AIM Aviation                      |
| AS5272       | Corrosion Inhibiting, Heat Cured Solid Film Lubricant                           | Multiple OEM's                    |
| AS5528       | Lubricant Application, Solid Film, Heat Cured, Corrosion Inhibiting             | Multiple OEM's                    |
| ASTM-A-380   | Cleaning, Descaling, & Passivation of Stainless Steel                           | Multiple OEM's                    |
| ASTM-A-967   | Chemical Passivation Treatments for Stainless Steel Parts                       | Multiple OEM's                    |
| ASTM-B-600   | Descaling and Cleaning Titanium and Titanium Alloy Surfaces                     | Multiple OEM's                    |
| ASTM-E-1417  | Standard Practice for Liquid Penetrant Examination                              | Multiple OEM's (including SpaceX) |
| ASTM-E-1444  | Standard Practice for Magnetic Particle Inspection                              | Multiple OEM's                    |
| BAC5019      | Chromic Acid Anodizing  | Boeing                            |
| BAC5022      | Sulfuric Acid Anodic Films  | Boeing                            |
| BAC5032      | Grinding of Chromium Plate  | Boeing                            |
| BAC5034      | Temporary Protection of Production Materials, Parts, and Assemblies             | Boeing                            |

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|-----------|---|--------|
| BAC5034-1 | Temporary Protection of Production Materials, Parts, and Assemblies with Coatings             | Boeing |
| BAC5307   | Part Marking  | Boeing |
| BAC5308   | Application Of Stencil And Insignia Markings  | Boeing |
| BAC5322   | Preparing Interior Plastic Surfaces for Paint   | Boeing |
| BAC5325   | Application of BMS10-103 Nonchromated Primer for Composites                                   | Boeing |
| BAC5408   | Vapor Degrease  | Boeing |
| BAC5440   | Hole Preparation, Machining, and Grinding of Steel  | Boeing |
| BAC5423   | Penetrant Methods Of Inspection   | Boeing |
| BAC5424   | Magnetic Particle Inspection  | Boeing |
| BAC5436   | Etch Inspection of Ground or Machined Steel Parts   | Boeing |
| BAC5609   | DOW 7 Treatment of Magnesium Alloys   | Boeing |
| BAC5617*  | Heat Treatment of Alloys Steels<br><i>*Stress &amp; Embrittlement Relief Only</i>             | Boeing |
| BAC5619*  | Heat Treatment of Corrosion Resistant Steel<br><i>*Stress &amp; Embrittlement Relief Only</i> | Boeing |
| BAC5625   | Surface Treatment for Ferrous Alloys  | Boeing |
| BAC5626   | Colored Chemical Conversion Coatings for Aluminum   | Boeing |
| BAC5632   | Boric Acid - Sulfuric Acid Anodizing  | Boeing |
| BAC5637   | Zinc-Nickel Alloy Plating   | Boeing |
| BAC5639   | Application of Anti-Static Coatings   | Boeing |
| BAC5640*  | Nitriding of Steel<br><i>*Stress Relieve Only</i>   | Boeing |
| BAC5641*  | Carburizing of Carbon and Alloy Steels <i>*Stress Relieve Only</i>                            | Boeing |
| BAC5663   | Sol-Gel Conversion Coatings for Aluminum Alloys   | Boeing |
| BAC5664   | Low Hydrogen Embrittlement Stylus Zinc-Nickel Alloy Plating                                   | Boeing |
| BAC5665   | Application of Sol-gel Conversion Coating on Corrosion Resistant Steels                       | Boeing |
| BAC5680   | Low Hydrogen Embrittlement (LHE) Zinc-Nickel Plating  | Boeing |
| BAC5699   | Application of BMS10-149, High Opacity Coating for Internal Non-Metallic Substrates           | Boeing |
| BAC5701   | Cadmium Plating   | Boeing |

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| BAC5705 | Application of Floor Covering Materials                                      | Boeing |
| BAC5706 | Application of Organic Finishes  | Boeing |
| BAC5709 | Hard Chromium Plating  | Boeing |
| BAC5710 | Application of Special Purpose Coatings                                      | Boeing |
| BAC5719 | Chemical Conversion Coatings for Aluminum                                    | Boeing |
| BAC5720 | Protection of the Interior of Structural Tubing                              | Boeing |
| BAC5725 | Stripping Organic Materials  | Boeing |
| BAC5728 | Electroless Nickel Plating   | Boeing |
| BAC5730 | Shot Peening   | Boeing |
| BAC5734 | Anodizing of Magnesium Alloys  | Boeing |
| BAC5736 | Application of Chemical & Solvent Resistant Finishes                         | Boeing |
| BAC5738 | Application of Skydrol Resistant Finishes to Magnesium Drums and Quadrants   | Boeing |
| BAC5742 | Surface Treatments for Magnesium   | Boeing |
| BAC5748 | Abrasive Cleaning, Deburring, and Finishing                                  | Boeing |
| BAC5749 | Alkaline Cleaning  | Boeing |
| BAC5750 | Solvent Cleaning   | Boeing |
| BAC5751 | Cleaning, Descaling and Surface Preparation of Ferrous Alloys                | Boeing |
| BAC5753 | Cleaning, Descaling and Surface Preparation of Titanium and Titanium Alloys  | Boeing |
| BAC5755 | Application Of Interior Decorative Finishes                                  | Boeing |
| BAC5758 | Cleaning, Descaling and Surface Preparation of Nickel and Cobalt Base Alloys | Boeing |
| BAC5759 | Chemical Milling of Steel, Nickel and Cobalt Alloys                          | Boeing |
| BAC5763 | Emulsion Cleaning And Aqueous Degreasing                                     | Boeing |
| BAC5765 | Cleaning And Deoxidizing Aluminum Alloys                                     | Boeing |
| BAC5769 | Cleaning, Descaling and Surface Preparation of Magnesium Alloys              | Boeing |
| BAC5770 | Cleaning, Descaling and Surface Preparation of Copper Alloys                 | Boeing |
| BAC5771 | Stripping Inorganic Finishes   | Boeing |

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| BAC5774     | Application of Alkyd Primers                                      | Boeing     |
| BAC5777     | Application of Wash Primer  | Boeing     |
| BAC5786     | Etch Cleaning of Aluminum Alloys                                  | Boeing     |
| BAC5793     | Application of Corrosion Resistant Finish for Integral Fuel Tanks | Boeing     |
| BAC5797     | Application of Coating Systems for Corrosion Prone Areas          | Boeing     |
| BAC5804     | Low Hydrogen Embrittlement Cadmium-Titanium Alloy Plating         | Boeing     |
| BAC5807     | Application of High Temperature Epoxy Primer                      | Boeing     |
| BAC5810     | Phosphate Conversion Coating on Steel                             | Boeing     |
| BAC5811     | Application of Bonded Solid Film Lubricants                       | Boeing     |
| BAC5821     | Hard Anodizing  | Boeing     |
| BAC5824     | Application of Low Friction Coatings                              | Boeing     |
| BAC5837     | Preparing Exterior plastic surface for paint                      | Boeing     |
| BAC5845     | Application Of Polyurethane Enamel                                | Boeing     |
| BAC5849     | Brush Plating, Anodizing and Electrochemical Etching              | Boeing     |
| BAC5854     | Low Hydrogen Embrittlement Stylus Cadmium Plating                 | Boeing     |
| BAC5861     | Application of Phosphate Fluoride Coating Titanium                | Boeing     |
| BAC5877     | Application of Organic Corrosion Inhibiting Compounds             | Boeing     |
| BAC5882     | Application of Urethane Compatible Primer                         | Boeing     |
| BAC5896     | Application of Aliphatic Isocyanate Polyurethane Enamel           | Boeing     |
| BAC5951     | Glass Bead Peening <b>(S/S by BAC5730)</b>                        | Boeing     |
| BAC5995     | Application of Interior Decorative Special Effect Coatings        | Boeing     |
| BAPS138-043 | Application of Fluid Resistant Primer                             | Bombardier |
| BAPS138-044 | Application of Fluid Resistant Enamels                            | Bombardier |
| BAPS138-049 | Application of BAMS565-013 Heat Resistant Coatings                | Bombardier |
| BAPS176-004 | Magnetic Particle Inspection                                      | Bombardier |
| BAPS180-001 | Alkaline Cleaning   | Bombardier |

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| BAPS180-008 | Dry Abrasive Blasting                            | Bombardier      |
| BAPS180-009 | Manual Solvent Cleaning                          | Bombardier      |
| BAPS180-015 | Passivation of Corrosion Resistant Steel         | Bombardier      |
| BMS10-85*   | Aluminum Pigmented Coating<br><i>*CRES only</i>  | Boeing          |
| BPS4003     | Chemical Treatment for Magnesium Alloys          | Bell Helicopter |
| BPS4006     | Electrodeposited Cadmium Plating                 | Bell Helicopter |
| BPS4007     | Passivation                                      | Bell Helicopter |
| BPS4050     | Marking Aircraft Parts                           | Bell Helicopter |
| BPS4075     | Magnetic Particle Inspection                     | Bell Helicopter |
| BPS4089     | Fluorescent Penetrant Inspection                 | Bell Helicopter |
| BPS4138     | Chemical Cleaning of Aircraft Materials          | Bell Helicopter |
| BPS4182     | Chemical Film Treatment                          | Bell Helicopter |
| BPS4310     | Application of Solid Film Lubricants             | Bell Helicopter |
| BPS4312     | Selective Brush Cadmium Plating                  | Bell Helicopter |
| BPS4343     | Mechanical Cleaning of Metals                    | Bell Helicopter |
| BPS4384     | Phosphatizing of Metals                          | Bell Helicopter |
| BPS4389     | Chemical Milling, Pre-Penetrant Etch of Titanium | Bell Helicopter |
| BPS4427     | Epoxy Enamel, Application of                     | Bell Helicopter |
| BPS4451     | Application of Epoxy Primer                      | Bell Helicopter |
| BPS4456     | Anti-Fretting Treatments for Titanium            | Bell Helicopter |
| BPS4464     | Application of Polyurethane Coating              | Bell Helicopter |
| BS25032     | Corrosion Resistant Fuel Cell Epoxy Primer       | Cessna          |
| BSS7039     | Liquid Penetrant Inspection                      | Boeing          |
| BSS7040     | Magnetic Particle Inspection                     | Boeing          |
| CPS 8203    | Zinc-Nickel Alloy Plating of High Strength Steel | Curtiss-Wright  |
| CSFS007     | Organic Finishes - Solvent Base Application      | Cessna          |

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| CSFS021      | Mechanical Finishes For Aluminum and Stainless Steel                                       | Cessna         |
| CSFS027      | Chemical Film, Chromate Conversion Coatings for Aluminum and Aluminum Alloys               | Cessna         |
| CSFS029      | Chrome Plating - Electrodeposited  | Cessna         |
| CSFS035      | Chemical Cleaning of Metals  | Cessna         |
| CSFS036      | Aqueous Degreasing   | Cessna         |
| CSFS037      | Abrasive Cleaning of Metals  | Cessna         |
| CSFS039      | Solvent Cleaning-Liquid  | Cessna         |
| CSFS040      | Paint Stripping  | Cessna         |
| CSFS042      | Vapor Degreasing   | Cessna         |
| CSFS044      | Alkaline Cleaning of Metals  | Cessna         |
| CSFS045      | Etch & Deoxidizing of Aluminum   | Cessna         |
| CSFS084      | Coatings, VOC Compliant, Application   | Cessna         |
| CSMP004      | Heat Treatment and Surface Hardening of Steels   | Cessna         |
| CSNP038      | Application of Corrosion Inhibiting Compounds and Lubricants Used for Corrosion Prevention | Cessna         |
| CSTI001      | Magnetic Particle Inspection   | Cessna         |
| CSTI002      | Inspection - Process Specification for Penetrant   | Cessna         |
| CVA1-372     | Heat Treatment of Steels   | Triumph Vought |
| CVA1-6       | Surface Treatment of Corrosion- and Heat-Resisting Steel Allots                            | Triumph Vought |
| CVA13-1      | Blast Cleaning of Metal Parts  | Triumph Vought |
| CVA5-149*    | Preparation for Electroplating<br><i>*Abrasive and Passivation Only</i>                    | Triumph Vought |
| CVA5-5       | Plating Chromium on Steels   | Triumph Vought |
| CVA9-4       | Chromic Acid Anodic Treatment of Aluminum and Aluminum Alloys                              | Triumph Vought |
| CVA9-17      | Treatment of Matallic Surfaces for Paint Adhesion  | Triumph Vought |
| D210-10302-1 | Control Requirements for Critical Bearings and Clutches                                    | Boeing         |
| D210-12534-1 | Coating Systems, Epoxy Polyamide, Chemical resistance                                      | Boeing         |
| D210-13473-1 | Application of MIL-DTL-53039 Coatings  | Boeing         |



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| D6-1276     | Control of Materials and Processes for Designated Parts and Components of Boeing Products        | Boeing            |
| D6-17781    | Control and Approval of Designated Parts Production  | Boeing            |
| DOD-P-16232 | Phosphate Coatings, Heavy, Manganese or Zinc Base <b>(S/S by MIL-DTL-16232)</b>                  | Multiple OEM's    |
| DPS11.01    | Chromic Acid Anodizing on Aluminum   | Douglas           |
| DPS11.04    | Hard Anodizing Aluminum  | Douglas           |
| DPS11.05    | Sulfuric Acid Anodizing  | Douglas           |
| DPS3.02     | Identification of Parts and Assemblies   | Douglas           |
| DPS3.177    | Solid Film Lubricants  | Douglas           |
| DPS4.50-127 | Fuel Tank Coating  | Douglas           |
| DPS4.50-131 | Coating, Anti-Chafe  | Douglas           |
| DPS4.50-144 | Teflon-S Coating 450F Cure   | Douglas           |
| DPS4.50-168 | Heat Resistant Urethane Coatings   | Douglas           |
| DPS4.50-36  | Epoxy Coating System   | Douglas           |
| DPS4.50-62  | Impact Resistant Coating   | Douglas           |
| DPS4.301    | Internal Protection of Hollow Members  | Douglas           |
| DPS4.601    | Metal Grinding   | Douglas           |
| DPS4.704    | Magnetic Particle Inspection   | Douglas           |
| DPS4.707    | Flourescent Penetrant Inspection   | Douglas           |
| DPS4.715    | Etch Inspection of Ground or Steel Parts   | Douglas           |
| DPS4.747    | Nondestructive Testing Procedure Approval  | Douglas Level III |
| DPS4.804    | Fabrication of High Strength Low Alloy Steel   | Douglas           |
| DPS4.999    | Shot Peening of Metal Parts  | Douglas           |
| DPS5.00*    | Steel Heat Treatment - General<br><i>*Stress &amp; Embrittlement Relief only</i>                 | Douglas           |
| DPS5.00-1*  | Steel Heat Treatment - Quench and Temper Hardenable<br><i>*Stress &amp; Embrittlement Only</i>   | Douglas           |
| DPS5.00-11* | Heat Treatment of Steel, Martensitic Stainless<br><i>*Stress &amp; Embrittlement Relief Only</i> | Douglas           |

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| DPS5.00-2*          | Steel Heat Treatment - PH<br><i>*Stress &amp; Embrittlement Relief Only</i>                         | Douglas           |
| DPS9.014            | Cleaning Copper and Copper Alloys   | Douglas           |
| DPS9.05             | Cleaning of Carbon Steels and Low Alloy Steels  | Douglas           |
| DPS9.07             | Surface Treatment of CRES   | Douglas           |
| DPS9.28             | Special Cadmium Plating for High Strength Steels  | Douglas           |
| DPS9.28-1           | Special Cadmium Plating for High Strength Steels -<br>Post Chromate Treated                         | Douglas           |
| DPS9.29             | Surface Treatment of Titanium   | Douglas           |
| DPS9.301            | Cleaning Aluminum Alloys  | Douglas           |
| DPS9.341-1          | Aqueous Degreasing  | Douglas           |
| DPS9.45*            | Multicolored Chemical Surface Treatment of<br>Aluminum Alloys<br><i>*Immersion Application Only</i> | Douglas           |
| DPS9.71             | Chromium Plating  | Douglas           |
| DPS9.74             | Cadmium Plating   | Douglas           |
| DPS9.84             | Thin Dense Chromium Plate   | Douglas           |
| D6-5000             | Commercial Finish Codes   | Boeing            |
| EVERLUBE620C        | Solid Fluid Lubricant   | Multiple OEM's    |
| F-14.25 per D6-5000 | Special Commercial Airplane Company Finish<br>Codes   | Boeing            |
| F-14.33 per D6-5000 | Special Commercial Airplane Company Finish<br>Codes   | Boeing            |
| FPM Code 2          | Fluorescent Penetrant Method-High Sensitivity   | Pratt & Whitney   |
| FPM Master          | Non-Destructive Test Method Specification   | Pratt & Whitney   |
| FSI-PS-4010         | Part Marking  | Flight Structures |
| FSI-PS-4014         | Chemical Conversion Coating for Aluminum and<br>Aluminum Alloys                                     | Flight Structures |
| FSI-PS-4019         | Painting  | Flight Structures |
| FSI-PS-4020         | Cleaning of Aluminum, Steel and Cres  | Flight Structures |
| FSI-PS-4021         | Application of Epoxy Primers  | Flight Structures |
| FTI-8403            | Application of Bonded Dry Film Lubricants to Flying<br>Parts  | Fatigue           |
| GAMPS3102           | Application of MIL-C-27725 Integral Fuel Tank<br>Coating  | Gulfstream        |

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| GAMPS3103       | Preparation and Application of Epoxy Primer Coating   | Gulfstream                     |
| GAMPS3216       | Application of Fluid Resistant, Phosphate Ester, High-Solides, Epoxy Topcoat                | Gulfstream                     |
| GAMPS3218       | Application of Polyurethane Enamel Interior Softcoating                                     | Gulfstream                     |
| GAMPS4101       | Preparations of Surfaces by Abrasive Methods  | Gulfstream                     |
| GAMPS4103       | Acid Cleaning of Ferrous Alloys   | Gulfstream                     |
| GAMPS4106       | Immersion Stripping of Paint  | Gulfstream                     |
| GAMPS4107*      | Cleaning and Descaling of Titanium and Titanium Alloys<br><i>*Method I &amp; V only</i>     | Gulfstream                     |
| GMS5005         | Diphosphate Ester Hydraulic Fluid Resistant, Water-Reducible, Low VOC Epoxy Primer Coating  | Gulfstream                     |
| GMS5006         | Hydraulic Fluid Resistant, Diphosphate Ester, High Solids Epoxy Topcoat                     | Gulfstream                     |
| HPS-18008       | Application of Fluid Resistant Primer   | Heathtecna                     |
| LGPS1106*       | Alkaline Zinc-Nickel Plating<br><i>*On Copper Alloys Only</i>                               | Goodrich LG                    |
| LS-SBU-A004-SQA | Controlled Planning   | Landing Systems                |
| MIL-A-8625      | Anodic Coatings For Aluminum and Aluminum Alloys  | Military, Blue Origin & SpaceX |
| MIL-C-8507      | Application of Wash Primer Coating for Metals   | Military                       |
| MIL-C-8514      | Coating Compound, Metal Pretreatment, Resin-Acid  | Military                       |
| MIL-C-26074     | Electroless Nickel Coatings <b>(S/S by AMS-C-26074)</b>                                     | Military                       |
| MIL-C-27725     | Corrosion Preventive Coating for Aircraft Integral Fuel Tanks <b>(S/S by AMS-C-27725)</b>   | Military                       |
| MIL-C-22751     | Coating System, Epoxy-Polyamide, Chemical and Solvent Resistant: Process for Application of | Military                       |
| MIL-DTL-5002*   | Surface Treatments and Inorganic Coatings for Metal Surfaces of Weapons Systems             | Military                       |
| MIL-DTL-53030   | Lead and Chromate Free, Water-Reducible, Epoxy Primer Coating                               | Military                       |
| MIL-DTL-16232*  | Manganese or Zinc Base Heavy Phosphate Coating<br><i>*Manganese Coating Only</i>            | Military                       |
| MIL-DTL-18264   | Finishes, Organic, Weapons Systems, Application and Control of                              | Military & Blue Origin         |
| MIL-DTL-53039   | Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant                 | Military                       |

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| MIL-DTL-5541*  | Chemical Conversion Coatings on Aluminum and Aluminum Alloys - Type 1, Type 2 (Non-Hex)<br><i>*Classes 1A &amp; 3</i> | Military & Blue Origin |
| MIL-F-18264    | Application and Control of Organic Weapons System Finishes  | Military               |
| MIL-I-6868     | Inspection Process, Magnetic Particle <b>(S/S by MIL-STD-1949)</b>  | Military               |
| MIL-L-23398    | Corrosion Inhibiting, Air Cured, Solid-Film Lubricant   | Military               |
| MIL-M-3171     | Magnesium Alloy, Processes for Pretreatment and Prevention of Corrosion   | Military               |
| MIL-PRF-8625   | Anodic Coatings For Aluminum and Aluminum Alloys  | Military & Blue Origin |
| MIL-PRF-46010* | Corrosion Inhibiting, Heat-Cured, Solid-Film Lubricant<br><i>*Type 3 Only</i>   | Military               |
| MIL-PRF-81329  | Lubricant, Solid Film, Extreme Environment, Nato Code Numbers S-1737  | Military               |
| MIL-S-13165    | Shot Peen of Metal Parts  | Military               |
| MIL-STD-1500   | Low Embrittlement Cadmium-Titanium Plating  | Military               |
| MIL-STD-1504   | Abrasive Blast  | Military               |
| MIL-STD-1949   | Magnetic Particle Inspection <b>(S/S by ASTM-E-1444)</b>  | Military               |
| MIL-STD-6866   | Inspection, Liquid Penetrant <b>(S/S by ASTM-E-1417)</b>  | Military               |
| MIL-STD-865    | Electrodeposition Selective Brush Plating   | Military               |
| MIL-STD-866    | Grinding of Chrome Plated Steel and Steel Parts   | Military               |
| MIL-STD-867    | Temper Etch Inspection  | Military               |
| MIL-STD-870    | Low Embrittlement Cadmium Plating   | Military               |
| MPM-51-003     | Chemical Processing of Titanium Alloy Parts   | Microsurgical          |
| NAS4006*       | Aluminum Pigmented Coating<br><i>*Class NC only</i>   | NAS                    |
| PCS2300        | Steel Shot peening  | Safran                 |
| PCS2810        | Surface Cleaning of Titanium Alloy Springs  | Safran                 |
| PCS-3100*      | Magnetic Particle Inspection<br><i>*Limited to Renton Coil Parts Only</i>   | Safran                 |
| PCS-3200*      | Fluorescent Penetrant Flaw Detection  | Safran                 |
| PS1001         | Chemical Conversion Coating   | Quest                  |
| PS1002         | Anodic Coatings   | Quest                  |

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| PS12024   | Aqueous Immersion Degreasing   | Boeing, Douglas |
| PS12030   | Alkaline Cleaning  | Boeing, Douglas |
| PS12040   | Abrasive Cleaning  | Boeing, Douglas |
| PS12050.1 | Pickling Aluminum Alloys   | Boeing, Douglas |
| PS13201   | Anodizing Aluminum Alloys<br><i>*Type 2 Class 1 Only</i>   | Boeing, Douglas |
| PS13204   | Brush and Spray Conversion Coating   | Boeing, Douglas |
| PS13525   | Spray Application of Polyurethane Corrosion Resistant Coating  | Boeing, Douglas |
| PS13630   | Corrosion Prevention and Protective Finishes; Painting of F/A-18 and AV-8 Aircraft   | Boeing, Douglas |
| PS13646   | Corrosion Prevention and Protective Finishes; Painting of F-15 Aircraft  | Boeing, Douglas |
| PS2001    | Finish Applications  | Quest           |
| PS2003    | Topcoat Application  | Quest           |
| PS2017    | Application of Organic Finishes  | Quest           |
| PS2030    | Fluorescent Penetrant Inspection   | Quest           |
| PS210100  | Hand Wipe and Immersion Cleaning Methods   | Israel Air      |
| PS210200  | Vapor Degreasing   | Israeli Air     |
| PS211600  | Cleaning of Aluminum Alloys  | Israeli Air     |
| PS212000  | Stripping of Organic Paint   | Israeli Air     |
| PS21201   | Magnetic Particle Inspection   | Boeing          |
| PS21202*  | Penetrant Inspection<br><i>*Aluminum</i>   | Boeing          |
| PS21202*  | Penetrant Inspection<br><i>*Beryllium, Copper, Low Alloy Steels, Stainless Steels, or Titanium if pre-penetrant etch is not required</i> | Boeing          |
| PS233200  | Chemical Conversion Coatings for Aluminum  | Israeli Air     |
| PS243701  | Application of High Gloss, High Solids Polyurethane Coating  | Israeli Air     |
| PS243900  | Application of Fluid Resistance Epoxy Primer   | Israeli Air     |
| PS247900  | Application of Abrasion Resistant Paint, Anti-Chafe Coating  | Israeli Air     |
| PS249150  | Polyurethane Corrosion Preventive Coating for Aircraft Integral Fuel   | Israeli Air     |

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| PS810100     | Liquid Penetrant Inspection   | Israeli Air             |
| PWA 36603    | Aqueous Degreasing of Parts and Assemblies  | Pratt & Whitney         |
| QE-STD-2     | Critical Safety Items Critical Characteristics<br>Maintenance & Overhaul            | Columbia Helicopters    |
| QQ-C-320     | Chromium Plating <b>(S/S by AMS-QQ-C-320)</b>                                       | Multiple OEM's          |
| QQ-P-35      | Passivation Treatments for Corrosion-Resistant<br>Steel <b>(S/S by AMS-QQ-P-35)</b> | Multiple OEM's          |
| QQ-P-416     | Cadmium Plating <b>(S/S by AMS-QQ-P-416)</b>  | Multiple OEM's          |
| RPS13.31     | Cyanide Cadmium Plating   | Goodrich Aerostructures |
| RPS13.81     | Application of Dry Film Lubricants  | Goodrich Aerostructures |
| RPS13.83     | Application of Abrasion Resistant Finishes  | Goodrich Aerostructures |
| RPS13.84     | Application of Heat Resistant Urethane Primer                                       | Goodrich Aerostructures |
| RPS13.97     | Application of Organic Finishes and Dissimilar<br>Metal Protection                  | Goodrich Aerostructures |
| RPS13.99     | Parts Marking and Identification  | Goodrich Aerostructures |
| RPS15.00     | Surface Preparation of Heat and CRES  | Goodrich Aerostructures |
| RPS15.06     | Stripping Process for Organic Finishes  | Goodrich Aerostructures |
| RPS15.45     | Surface Preparation of Commercially Pure<br>Titanium and Titanium Alloys            | Goodrich Aerostructures |
| RPS15.51     | Abrasive Blast Cleaning   | Goodrich Aerostructures |
| RPS15.52     | Cleaning of Aluminum  | Goodrich Aerostructures |
| RPS15.53     | Aqueous Degreasing  | Goodrich Aerostructures |
| RPS18.08     | Magnetic Particle Inspection  | Goodrich Aerostructures |
| RPS18.08-1   | Magnetic Particle inspection for the C-5 RERP<br>Pylon                              | Goodrich Aerostructures |
| RPS18.10*    | Penetrant Inspection<br><i>*Type 1 Method A &amp; Type 1 Method B only</i>          | Goodrich Aerostructures |
| RPS20.17     | Control of Critical Parts   | Goodrich Aerostructures |
| SOPM20-10-01 | Repair and Refinish of High Strength Steel Parts                                    | MRO                     |
| SOPM20-10-02 | Machining of Alloy Steel  | MRO                     |
| SOPM20-10-03 | Shot Peening  | MRO                     |
| SOPM20-10-04 | Grinding of Chrome Plated Parts   | MRO                     |

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| SOPM20-10-10 | Shotpeen  | MRO    |
| SOPM20-20-01 | Magnetic Particle Inspection  | MRO    |
| SOPM20-20-02 | Penetrant Methods of inspection                                     | MRO    |
| SOPM20-30-02 | Stripping of Protective Finishes                                    | MRO    |
| SOPM20-30-03 | General Cleaning Procedures   | MRO    |
| SOPM20-42-01 | Low Hydrogen Embrittlement Cadmium Plating                          | MRO    |
| SOPM20-42-02 | Low Hydrogen Embrittlement Cadmium-Titanium Alloy Plating           | MRO    |
| SOPM20-42-03 | Hard Chrome Plating   | MRO    |
| SOPM20-42-05 | Bright Cadmium Plating  | MRO    |
| SOPM20-42-10 | Low Hydrogen Embrittlement Stylus Cadmium Plating                   | MRO    |
| SOPM20-43-01 | Chromic Acid Anodising  | MRO    |
| SOPM20-43-03 | Chemical Conversion Coating for Aluminum                            | MRO    |
| SOPM20-44-01 | Application of Special Purpose Coatings                             | MRO    |
| SOPM20-50-08 | Application of Bonded Solid Film Lubricants                         | MRO    |
| SOPM20-60-02 | Finishing Materials   | MRO    |
| SPS-100340   | Temporary Protection of Production Materials, Parts, and Assemblies | Spirit |
| SPS-103070   | Part Marking  | Spirit |
| SPS-104080   | Vapor Degreasing  | Spirit |
| SPS-104230   | Penetrant Inspection  | Spirit |
| SPS-104240   | Magnetic Particle Inspection  | Spirit |
| SPS-107100   | Application of Special Purpose Coatings                             | Spirit |
| SPS-107250   | Stripping of Coatings   | Spirit |
| SPS-107360   | Application of Chemical and Solvent Resistant Finishes              | Spirit |
| SPS-107480   | Abrasive Cleaning, Deburring, and Finishing                         | Spirit |
| SPS-107490   | Alkaline Cleaning   | Spirit |
| SPS-107500   | Solvent Cleaning  | Spirit |

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| SPS-107630 | Emulsion Cleaning and Aqueous Degreasing  | Spirit       |
| SPS-107650 | Cleaning and Deoxidizing of Aluminum Alloys   | Spirit       |
| SPS-107860 | Etch Cleaning of Aluminum Alloys  | Spirit       |
| SPS-108610 | Application of Phosphate Fluoride and other Conversion Coating for Titanium           | Spirit       |
| SS8435     | Passivation of Corrosion Resistant Steel  | Sikorsky     |
| SS8483*    | Anodic Coating for Aluminum and Aluminum Alloys<br><i>*Types 1C &amp; Type 2 only</i> | Sikorsky     |
| SS8521     | General Requirements for Organic Finishes   | Sikorsky     |
| SS8787     | Stripping of Organic Materials by Plastic Media Blast Method                          | Sikorsky     |
| SS8805*    | Magnetic Particle Inspection Process<br><i>*Class 2 parts only</i>                    | Sikorsky     |
| SS8806*    | Liquid Penetrant Inspection<br><i>*Class 2 Parts only</i>                             | Sikorsky     |
| TM1109     | Marking of Parts and Assemblies for Identification and Inspection                     | Goodrich     |
| TMS12      | Primer and Paint  | TTF-Aircraft |
| TPS06      | Surface Preparation   | TTF-Aircraft |
| TPS09      | Primer and Paint Application  | TTF-Aircraft |
| TT-C-490   | Cleaning Methods for Ferrous Surfaces and Pretreatments for Organic Coatings          | Federal      |
| TT-P-1757  | One Component Alkyd Base Primer Coating   | Federal      |
| VPS20.01   | Magnetic Particle Inspection  | Viking       |
| VPS20.03   | Flourecent Penetrant Inspection   | Viking       |
| VPS27.06   | Decorative Surface Finishes   | Viking       |
| VPS30.04   | Steel Heat Treatment - Carbon and Low Alloy Steels                                    | Viking       |
| VPS31.02   | Cleaning Processes for Aluminum and Aluminum Alloys                                   | Viking       |
| VPS31.07   | Cleaning and Stripping of Painted Surfaces  | Viking       |
| VPS32.01   | Chemical Conversion of Aluminum and Titanium Alloys                                   | Viking       |
| VPS32.07   | Corrosion Protection of Magnesium Alloys  | Viking       |
| VPS33.01   | Cadmium Plating   | Viking       |
| VPS33.02   | Removal of Metallic Coatings  | Viking       |
| VPS34.03   | Application of Polyurethane Enamel  | Viking       |



VPS34.08

Application of Epoxy-Polyamide Primer

Viking

VSS4308

Epoxy Preparation and Application of Primer  
Coating

Vought







































